



SEQUENCE LISTING

<110> Cantor, Thomas L.

<120> METHODS, KITS AND ANTIBODIES FOR
DETECTING PARATHYROID HORMONE

<130> 532212000623

<140> US 10/617,489

<141> 2003-07-10

<150> US 09/344,639

<151> 1999-06-26

<150> US 09/231,422

<151> 1999-01-14

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 84

<212> PRT

<213> Homo sapiens

<400> 1

Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
1 5 10 15
Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30
Asn Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser
35 40 45
Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Glu
50 55 60
Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asn Val Leu Thr Lys
65 70 75 80
Ala Lys Ser Gln

<210> 2

<211> 84

<212> PRT

<213> Rat

<400> 2

Ala Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Ala
1 5 10 15
Ser Val Glu Arg Met Gln Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30
Asn Phe Val Ser Leu Gly Val Gln Met Ala Ala Arg Glu Gly Ser Tyr
35 40 45
Gln Arg Pro Thr Lys Lys Glu Asp Asn Val Leu Val Asp Gly Asn Ser
50 55 60
Lys Ser Leu Gly Glu Gly Asp Lys Ala Asp Val Asp Val Leu Val Lys
65 70 75 80
Ala Lys Ser Gln

<210> 3
<211> 84
<212> PRT
<213> Mouse

<400> 3
Ala Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Ala
1 5 10 15
Ser Val Glu Arg Met Gln Trp Leu Arg Arg Lys Leu Gln Asp Met His
20 25 30
Asn Phe Val Ser Leu Gly Val Gln Met Ala Ala Arg Asp Gly Ser His
35 40 45
Gln Lys Pro Thr Lys Lys Glu Glu Asn Val Leu Val Asp Gly Asn Pro
50 55 60
Lys Ser Leu Gly Glu Gly Asp Lys Ala Asp Val Asp Val Leu Val Lys
65 70 75 80
Ser Lys Ser Gln

<210> 4
<211> 84
<212> PRT
<213> Bovine

<400> 4
Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
1 5 10 15
Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30
Asn Phe Val Ala Leu Gly Ala Ser Ile Ala Tyr Arg Asp Gly Ser Ser
35 40 45
Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Gln
50 55 60
Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu Ile Lys
65 70 75 80
Ala Lys Pro Gln

<210> 5
<211> 84
<212> PRT
<213> Canine

<400> 5
Ser Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
1 5 10 15
Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30
Asn Phe Val Ala Leu Gly Ala Pro Ile Ala His Arg Asp Gly Ser Ser
35 40 45
Gln Arg Pro Leu Lys Lys Glu Asp Asn Val Leu Val Glu Ser Tyr Gln
50 55 60
Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu Thr Lys
65 70 75 80
Ala Lys Ser Gln

<210> 6
<211> 84
<212> PRT
<213> Porcine

<400> 6
Ser Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
1 5 10 15
Ser Leu Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30
Asn Phe Val Ala Leu Gly Ala Ser Ile Val His Arg Asp Gly Gly Ser
35 40 45
Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Gln
50 55 60
Lys Ser Leu Gly Glu Ala Asp Lys Ala Ala Val Asp Val Leu Ile Lys
65 70 75 80
Ala Lys Pro Gln

<210> 7
<211> 86
<212> PRT
<213> Horse

<220>
<221> VARIANT
<222> 67
<223> Xaa = Any Amino Acid

<400> 7
Lys Arg Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His
1 5 10 15
Leu Asn Ser Val Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp
20 25 30
Val His Asn Phe Ile Ala Leu Gly Ala Pro Ile Phe His Arg Asp Gly
35 40 45
Gly Ser Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Ile Glu Ser
50 55 60
His Gln Xaa Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu
65 70 75 80
Ser Lys Thr Lys Ser Gln
85